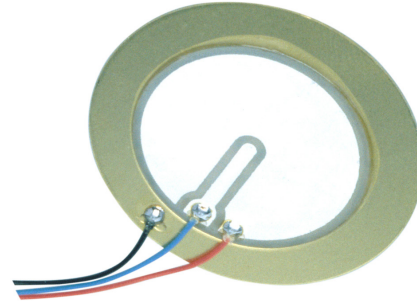


MODEL: CEB-35FD29 | **DESCRIPTION:** PIEZOELECTRIC DIAPHRAGM**FEATURES**

- piezo element
- flexibility to design housing
- feedback loop

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|------------------------|-------------------------------------|--------|--------|--------|--------------------|
| operating voltage | | | | 30 | Vp-p |
| resonant frequency | | 2,400 | 2,900 | 3,400 | Hz |
| resonant impedance | only for piezo element without wire | | | 500 | Ω |
| electrostatic capacity | at 1 kHz / 1 V | 17,500 | 25,000 | 32,500 | pF |
| dimensions | $\varnothing 35 \times 0.63$ | | | | mm |
| weight | | | | 3.5 | g |
| material | brass | | | | |
| terminal | wire type | | | | |
| operating temperature | | -20 | | 70 | $^{\circ}\text{C}$ |
| storage temperature | | -30 | | 80 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

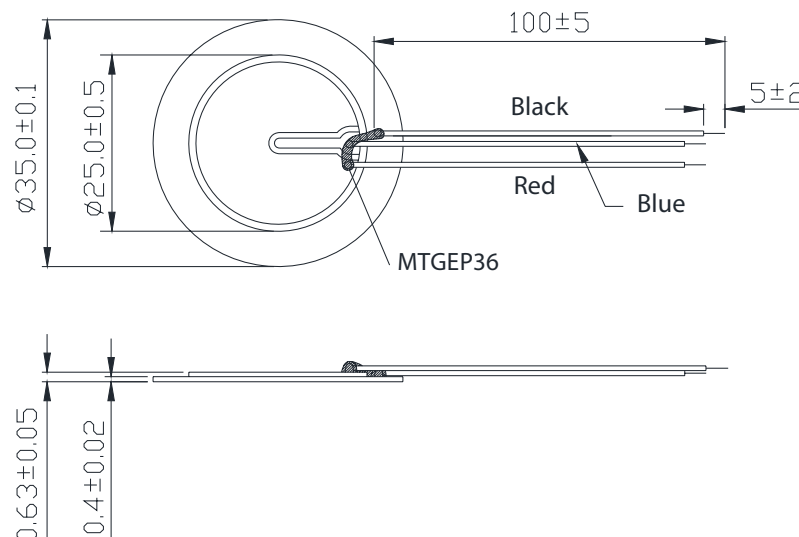
Notes: 1. All specifications measured at 5-35 $^{\circ}\text{C}$, humidity at 45-85%, under 86-106kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm

tolerance: ± 0.5 mm

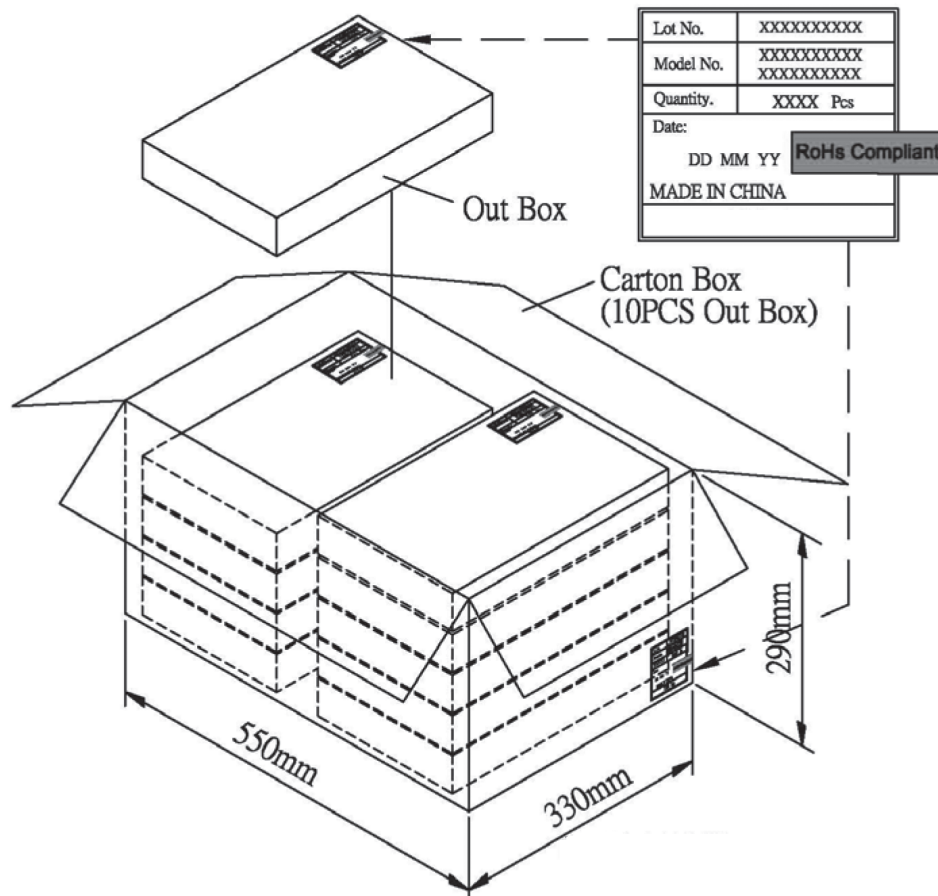
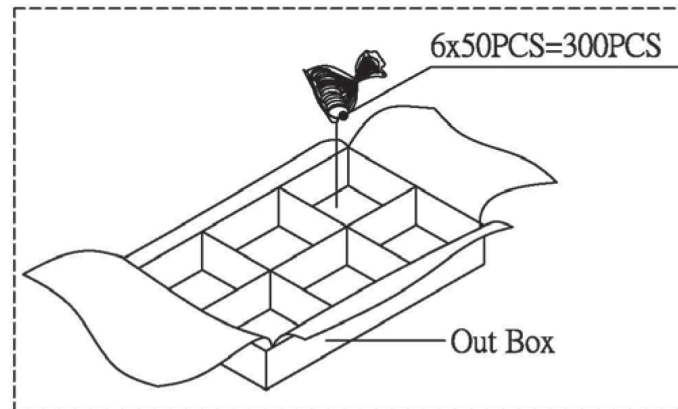
wire: UL 1571 32 AWG



PACKAGING

units: mm

Inner Box QTY: 300 pcs per box
Carton Size: 550 x 330 x 290 mm
Carton QTY: 3,000 pcs per carton



REVISION HISTORY

| rev. | description | date |
|------|------------------------------|------------|
| 1.0 | initial release | 06/25/2007 |
| 1.01 | increased depth to 0.63 mm | 03/08/2018 |
| 1.02 | brand update | 03/16/2020 |
| 1.03 | logo, datasheet style update | 08/05/2022 |

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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